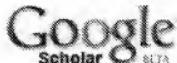


EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	28	703/27.ccIs. and @pd>="20081201"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/05/14 17:22
L3	21	((tim\$4 or performance) with annotat\$5 same (code or assemI\$2 or line)) and simulat\$4 and @pd>="20081201"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/05/14 17:29


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Compilation-based software performance estimation for system-level design

MT Lazarescu, JR Bammi, E Harcourt, L Lavagno, M ... - IEEE International High-Level Design Validation and Test ..., 2000 - ieeexplore.ieee.org

... An annotated C simulation model is generated from the **assembler** output of the ... Although the **performance** annotations reflect the compiler optimizations, the ...

Cited by 21 - Related articles - Web Search - All 4 versions

Vertebral Shape: Automatic Measurement with Active Shape Models 1- ► rsnajnl.org

PP Smyth, CJ Taylor, JE Adams - Radiology, 1999 - RSNA

... The fracture-detection **performance** with the manually annotated full contour would reflect the potential **performance** of ASM-based fracture detection. ...

Cited by 55 - Related articles - Web Search - BL Direct - All 4 versions

The SimpleScalar tool set, version 2.0- ► toronto.edu [PDF]

D Burger, TM Austin - ACM SIGARCH Computer Architecture News, 1997 - portal.acm.org

... have been aggressively tuned for **performance**, and can ... The annotation interface is useful for synthesizing new ... having to change and re.compile the **assembler**. ...

Cited by 1596 - Related articles - Web Search - BL Direct - All 127 versions

An optimized protocol for analysis of EST sequences- ► nih.gov

F Liang, J Holt, G Pertea, S Karamycheva, SL ... - Nucleic Acids Research, 2000 - Oxford Univ Press

... to determine their **performance** in assembling EST sequences and developed a refined process of EST sequence cleaning, clustering, **assembly** and **annotation** that ...

Cited by 110 - Related articles - Web Search - BL Direct - All 21 versions

Real-time performance of sorting algorithms

PP Puschner - Real-Time Systems, 1999 - Springer

... To assess the SRT **performance** we determined soft execution time bounds ... program with the GNU GCC compiler and annotated the resulting **assembler** program with ...

Cited by 5 - Related articles - Web Search - BL Direct - All 4 versions

[PDF] ► Java and scientific programming: Portable browsers for performance programming

M Cierniak, S Srinivas - Java for Computational Science and Engineering-, 1997 - hpijava.org

... Page 14. **Annotated Assembly** Code Transformed Optimized Source ... xfc lcf % i"

qeEfRI Performance Experiment Data File 1 Performance Experiment Data File k ...

Cited by 4 - Related articles - View as HTML - Web Search - All 8 versions

[PDF] ► A portable browser for performance programming

M Cierniak, S Srinivas - Concurrency: Practice and Experience, 1997 - citeseerx.ist.psu.edu

... is the original source **annotated** with cycle ... source, the transformed source, **assembly**, compiler information file, and **performance** experiment data ...

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[CITATION] Software Performance Estimation Strategies in a System-Level Design Tool

JR Barrimi, E Harcourt, W Kruytzer, L Lavagno, MT ... - Proceedings of the International Workshop on HW/SW Codesign, 2000

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Non-invasive trace-driven system and method for computer system profiling

TW Keller, RJ Urquhart - US Patent 5,355,487, 1994 - Google Patents

... of the portant when looking for **performance issues** that ... The pro- 25 relative address,
assembler line of ... An **annotated** source code executables 43 selected for ...

Cited by 44 - Related articles - Web Search - All 2 versions

A compilation-based software estimation scheme for hardware/software co-simulation-

►psu.edu [PDF]

M Lajolo, M Lazarescu, A Sangiovanni-Vincentelli - Proceedings of the seventh international workshop on ...,
1999 - portal.acm.org... we focus on embedded software **performance esti- mation**. ... C compiler (CCC) to generate
"assembler-level" C ... This code can be **annotated** with timing information ...

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Key authors: **D Burger** - **T Austin** - **G Morrisett** - **D Walker** - **K Crary**

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[\[PDF\]](#) ► **Worst-case execution-time analysis at low cost**

P Puschner - Control Engineering Practice, 1998 - citeseerx.ist.psu.edu

... A low-level WCET analysis tool then computes detailed **timing** information of the **annotated assembler** programs and passes the information back to the source level ...

Cited by 20 - Related articles - View as HTML - Web Search - BL Direct - All 9 versions

[Compilation-based software performance estimation for system level design](#)

MT Lazarescu, JR Bammi, E Harcourt, L Lavagno, M ... - IEEE International High-Level Design Validation and Test ..., 2000 - ieeexplore.ieee.org

... compiler. The output **assembler** is translated to an **assembler-level C** co-simulation model, **annotated** with **timing** information. The ...

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[A compilation-based software estimation scheme for hardware/software co-simulation](#)

► [psu.edu](#) [\[PDF\]](#)

M Lajolo, M Lazarescu, A Sangiovanni-Vincentelli - Proceedings of the seventh international workshop on ..., 1999 - portal.acm.org

... The key idea is to use the GNU-C compiler (CCC) to generate "**assembler-level**" C code. This code can be **annotated** with **timing** information, and used as a ...

Cited by 53 - Related articles - Web Search - All 14 versions

[A sequence assembly and editing program for efficient management of large projects](#)

► [nih.gov](#) [\[PDF\]](#)

S Dear, R Staden - Nucleic acids research, 1991 - Oxford Univ Press

... We describe a sequence **assembly** and editing program ... and has substantially reduced the **time** taken to ... editor also provides facilities for **annotating** the sequences ...

Cited by 251 - Related articles - Web Search - All 6 versions

[\[PDF\]](#) ► **Incorporating worst-case execution time in a commercial C-compiler**

H Borjesson - Master's thesis, Department of Computer Systems, Uppsala ..., 1995 - citeseerx.ist.psu.edu

... 29 8 Analytic **Timing** Tools 30 8.1 ... 30 8.3 'The Annotation Approach' : : : : 31 8.4 ...

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[Whole-genome random sequencing and assembly of Haemophilus influenzae Rd](#)

RD Fleischmann, MD Adams, O White, RA Clayton, EF ... - Science, 1995 - sciencemag.org

... An approach for genome analysis based on sequencing and **assembly** of unselected ... sequenced with automated technology (5). At the present **time**, there are active ge ...

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[Which sorting algorithms to choose for hard real-time applications](#)

D Mittermaier, P Puschner - Real-Time Systems, 1997. Proceedings., Ninth Euromicro ..., 1997 - ieeexplore.ieee.org

... of the WCET bound from the **annotated assembly** language program. assdip reads an **assembler** pro- gram, looks up the execution **time** for each instruc- tion, and ...

Cited by 6 - Related articles - Web Search - All 6 versions

[Code size minimization and retargetable assembly for custom EPIC and VLIW instruction](#)

formats- ► [umich.edu \[PDF\]](#)

S Aditya, SA Mahlke, BR Rau - ACM Transactions on Design Automation of Electronic Systems ..., 2000 - portal.acm.org

... of these measures are applied by PICO-VLIW at the **time** that the ... approach, the compiler needs to profile the program and **annotate** the **assembly** code with ...

Cited by 18 - Related articles - Web Search - Library Search - BL Direct - All 11 versions

Real-time performance of sorting algorithms

PP Puschner - Real-Time Systems, 1999 - Springer

... for the computation of the WCET bound from the **annotated assembly** language program. ass2lp reads an **assembler** program, looks up the execution **time** for each ...

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Guest editorial: A review of worst-case execution-time analysis

P Puschner, A Burns - Real-Time Systems, 2000 - Springer

... Mok and his group (Mok et al., 1989; Amerasinghe, 1985; Chen, 1987) produced a **timing** tool for **assembly** language programs, which are **annotated** by TAL (timing ...

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[Efficient microarchitecture modeling and path analysis for real-time software](#) ► [kfupm.edu.sa](#)

[PDF]

YTS Li, S Malik, A Wolfe - In IEEE Real-Time Systems Symposium, 1995 - eprints.kfupm.edu.sa
... loops. These restrictions can be imposed either through specific language constructs or through an external annotation mechanism. ...

Cited by 175 - Related articles - View as HTML - Web Search - All 21 versions

[PDF] ► [Worst-case execution-time analysis at low cost](#)

P Puschner - Control Engineering Practice, 1998 - citeseerx.ist.psu.edu
... from the original program to the machine-language program and **annotate** the assembler ...
Evaluating Tight Execution Time Bounds of Programs by Annotations. ...

Cited by 20 - Related articles - View as HTML - Web Search - BL Direct - All 9 versions

[Embedded program timing analysis based on path clustering and architecture classification](#)

► [york.ac.uk](#) [PDF]

R Ernst, W Ye - Proceedings of the 1997 IEEE/ACM international conference on ... 1997 - portal.acm.org
... Therefore, as a second step, the user is asked to **annotate** false paths. ... user
annotation with regular expressions is introduced in 11. ...

Cited by 100 - Related articles - Web Search - BL Direct - All 16 versions

[On the false path problem in hard real-time programs](#) ► [kfupm.edu.sa](#) [PDF]

P Altenbernd - In Proceedings of the 8th Euromicro Workshop on Real-time ... 1996 - eprints.kfupm.edu.sa
... Recursive functions are additionally **annotated** by an attribute M , the maximum recursion ... **Evaluating Tight Execution Time Bounds** of Programs by Annotations. ...

Cited by 82 - Related articles - View as HTML - Web Search - All 12 versions

[Guest editorial: A review of worst-case execution-time analysis](#)

P Puschner, A Burns - Real-Time Systems, 2000 - Springer
... Chen, 1987) produced a timing tool for assembly language programs, which are **annotated** by TAL ... **Evaluating tight execution time bounds** of programs by annotations ...

Cited by 58 - Related articles - Web Search - All 4 versions

[PDF] ► [Complete worst-case execution time analysis of straight-line hard real-time programs](#)

F Stappert, P Altenbernd - Journal of Systems Architecture, 2000 - fbi.fh-darmstadt.de
... Page 7. - 7 - The approach presented in [10] tries to provide a user-**annotation-free** solution. However, like the above mentioned ...

Cited by 77 - Related articles - View as HTML - Web Search - All 15 versions

[A retargetable technique for predicting execution time of code segments](#) ► [psu.edu](#) [PDF]

MG Harmon, TP Baker, DB Whalley - Real-Time Systems, 1994 - Springer
... procedure. The source level code is **annotated** with line numbers that are used by the user to specify which code segments to time. ...

Cited by 52 - Related articles - Web Search - BL Direct - All 7 versions

[Execution cost interval refinement in static software analysis](#) ► [psu.edu](#) [PDF]

F Wolf, R Ernst - Journal of Systems Architecture, 2001 - Elsevier
... 18]. Puschner and Koza [22], and Park and Shaw [21] require iteration bounds for

all loops in the program which the designer must provide by loop **annotation**. ...
Cited by 19 - Related articles - Web Search - All 10 versions

Combining static worst-case timing analysis and program proof

R Chapman, A Burns, A Wellings - Real-Time Systems, 1996 - Springer
... 147 The second class of **annotation** used in SPARK is the ... In the absence of a call mapping **annotation**, one of two default mappings may be used. ...
Cited by 56 - Related articles - Web Search - All 3 versions

Cinderella: A retargetable environment for performance analysis of real-time software-

► [iitd.ernet.in \[PS\]](#)
YTS Li, S Malik, A Wolfe - Lecture notes in computer science, 1997 - Springer
... with other existing methods, ours offers more powerful path **annotation** mechanism and more ... **Evaluating tight execution time bounds** of programs by annotations. ...
Cited by 7 - Related articles - Web Search - BL Direct - All 5 versions

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